

# WASTE MANAGEMENT SURFACE EMISSION MONITORING CALIBRATION AND PERTINENT DATA

Date: 2.1.16Site Name: Cottonwood Hills**WEATHER OBSERVATIONS**

Wind Speed: 0-5 MPH Wind Direction: WNW Barometric Pressure: 30.2  
 Air Temperature: 41 deg F General Weather Conditions: Clear

**CALIBRATION INFORMATION****Pre-monitoring Calibration Precision Check**

*Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.*

Instrument ID: 30987664 Cal Gas Concentration: 500 ppm

Trial	Zero Air Reading	Cal Gas Reading	(Cal Gas Conc. - Cal Gas Reading)
1	<u>0</u>	<u>495</u>	<u>5</u>
2	<u>0</u>	<u>498</u>	<u>2</u>
3	<u>0</u>	<u>498</u>	<u>2</u>

Average Difference: 3

Calibration Precision = Average Difference/Cal Gas Conc. X 100%  
0.6

**Post-monitoring Calibration Check**

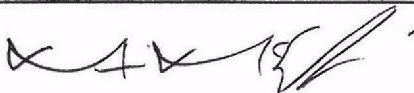
Zero Air Reading: 0 ppm Cal Gas Reading: 499 ppm

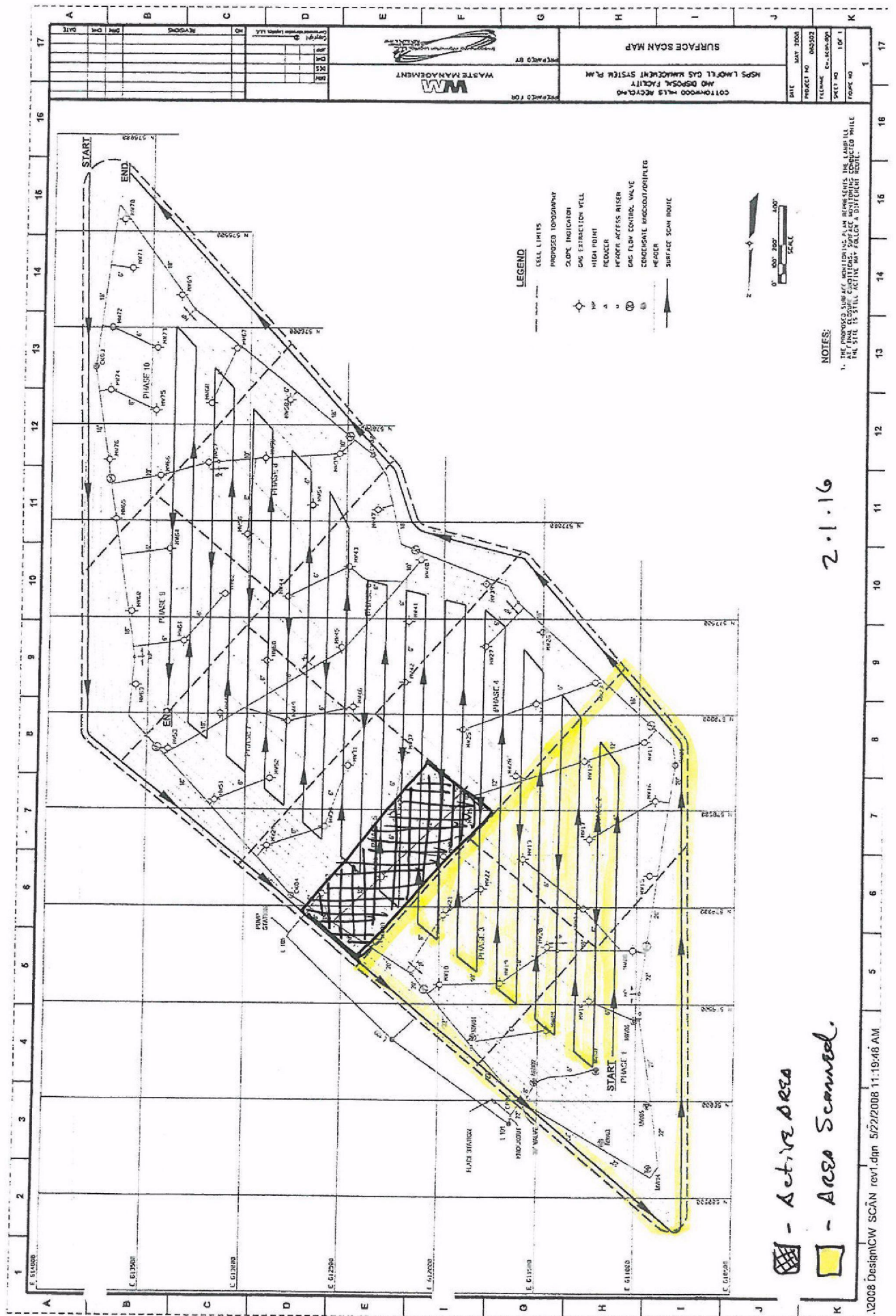
**BACKGROUND CONCENTRATION CHECKS**



Upwind Location Description: West Access Rd. Reading: 3.75 ppm

Downwind Location Description: East Access Rd. Reading: 7.72 ppm

NOTES: Nothing over 200 ppm observed.





 - Active Area  
 - Area Scanned.

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